7	σ	и	4	ω	N	1	·
BRS	IS&R	BRS	BRS	BRS	IS&R	IS&R	Туре
L7	16	L5	L4	L <sub>3</sub>	L2	Lı	L #
Ы	3200	0	0	უ ა	1	1	Hits
L6 and 'EPDM'	(119/200-269).CCLS.	L3 and 'shrimp'	L3 and 'aquaculture'	("3280082"   "3650874 "3660530"   "3801531" "3919358"   "4130535" "4236912"   "4212787" "4220579"   "4229504" "42355139"   "4480012" "4480065"   "4514442" "44601935"   "4599258" "4767658"   "4772119" "4801639"   "48939412" "48833194"   "4894408" "4885362"   "4944818" "4994328"   "4990568" "4994328"   "5073597" "5084119"   "5086121" "5126384"   "5130355"	("5468550").PN.	("3280082").PN.	Search Text
USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT	USPAT	USPAT	USPAT	USPAT	DBs
2004/08/17 13:24	2004/08/17 13:00	2004/08/17 12:59	004/08/17 12:5	2004/08/17 12:59	2004/08/17 12:59	2004/08/17 12:53	Time Stamp

	Туре	#	Hits	Search Text	DBs	Time Stamp
8	BRS	L8	ω	'EPDM' and 'aquaculture'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:04
9	BRS	Ь9	23621	23621 EPDM'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:05
10	BRS	L10	2528	L9 and 'accelerator'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:05
11	BRS	L11	1522	L10 and ('cure' or 'curing agent' or 'cured')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:06
12	BRS	L12	0	Lll and 'thiaxole'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:06
13	BRS	L13	208	L11 and 'thiazole'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:06
14	BRS	L14	137	L13 and ('dithiocarbamate' or 'guanidine')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:07
15	BRS	L15	0	L14 and ('shrimp' or 'crayfish' or 'vannamei' or 'setiferus')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:20
16	BRS	L16	ω	L14 and ('tank' or 'pond')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:09
17	BRS	Ь17	0	L6 and ('ethylene' adj 'propylene' adj 'diene' adj 'terpolymer')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:11
18	BRS	L18	38	L6 and (ethylene propylene diene terpolymer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:11
19	BRS	L20	ω	L19 and 'carbon black'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/17 13:12

	Туре		Hits	Search Text	וֹ מ	
20	BRS	L19	ហ	L18 and 'sulfur'	USPAT; US EPO; JPO; DERWENT	us o;
21	BRS	L21	7	L9 and ('shrimp' or 'crayfish' or 'vannamei' or 'setiferus')	USPAT; US EPO; JPO; DERWENT	US-PGPUB; PO; 2004/08/17 T
22	BRS	L22	1	L6 and 'rubber polymer'	USPAT; US EPO; JPO; DERWENT	; US-PGPUB; JPO; 2004/08/17 NT
23	BRS	L23	δ	L6 and 'synthetic rubber'	USPAT; US EPO; JPO; DERWENT	; US-PGPUB; JPO; 2004/08/17 NT
24	BRS	L24	0	L6 and 'terpolymer'	USPAT; US EPO; JPO; DERWENT	; US-PGPUB; JPO; 2004/08/17 NT
25	BRS	L25	0	L6 and 'terpolymers'	USPAT; US EPO; JPO; DERWENT	; US-PGPUB; JPO; 2004/08/17 NT
26	BRS	L26	32	L6 and 'liner'	USPAT; US EPO; JPO; DERWENT	USPAT; US-PGPUB;   EPO; JPO;   2004/08/17 DERWENT
27	IS&R	L27	1	("5854327").PN.	USPAT	
28	BRS	L28	3087	'epdm' and 'amorphous'	USPAT; EPO; JP DERWENT	USPAT; US-PGPUB; 2004/08/17 EPO; JPO; 2004/08/17 DERWENT
29	BRS	L29	80	L28 and 'sulfur cured'	USPAT; US EPO; JPO; DERWENT	USPAT; US-PGPUB;   EPO; JPO;   2004/08/17 DERWENT
30	BRS	L30	14	L29 and 'thiazole'	USPAT; EPO; JP DERWENT	USPAT; US-PGPUB; 2004/08/17 EPO; JPO; 2004/08/17 DERWENT
31	BRS	L31	13	L30 and ('carbon black' or 'coal' or 'calcium carbonate' or 'clay' or 'silica' or 'mica' or 'talc' or 'ground rubber')	USPAT; US EPO; JPO; DERWENT	F; US-PGPUB; JPO; ENT

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2004/08/17 14:33	USPAT; US-PGPUB; EPO; JPO; DERWENT	L36 and 'carbon black'	31	L37	BRS	38
2004/08/17 14:10	USPAT; US-PGPUB; EPO; JPO; DERWENT	L37 and 'bacteria'	0	L38	BRS	37
2004/08/17 14:09	USPAT; US-PGPUB; EPO; JPO; DERWENT	L35 and ('paraffinic' or 'naphthenic')	32	L36	BRS	36
2004/08/17 14:06	USPAT; US-PGPUB; EPO; JPO; DERWENT	L34 and 'oil'	83	L35	BRS	35
2004/08/17 14:05	USPAT; US-PGPUB; EPO; JPO; DERWENT	L33 and ('volcanized' or 'vulcanization')	89	L34	BRS	34
2004/08/17 14:03	USPAT; US-PGPUB; EPO; JPO; DERWENT	'EPDM' and 'mercaptans'	502	L33	BRS	33
2004/08/17 14:03	USPAT; US-PGPUB; EPO; JPO; DERWENT	L31 and ('guanidine' or 'dithiocarbamate')	12	L32	BRS	32
Time Stamp	DBs	Search Text	Hits	#	Туре	

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43	4 2	41	40	ω	
BRS	BRS	IS&R	BRS	BRS	Туре
L43	L42	L41	L40	L39	L #
48	8	545	12	<b>4</b> 9	Hits
L41 and 'rubber'	L41 and 'liner'	((119/201) or (119/200) or (119/204) or (119/207) or (119/208) or (119/214) or (119/215)).CCLS.	L39 and ('pond' or 'tank' or 'aquaculture')	("6515059" "4461875" "4514442" "4919183" "49956405" "4996405" "5280071" "5872167" "5883139" "4443279" "5268051" "5268051" "4589804" "5772816" "5772816" "5468550").pn.	Search Text
USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DBs
2004/08/17 16:07	2004/08/17 16:07	2004/08/17 16:07	2004/08/17 14:39	2004/08/17 14:39	Time Stamp

PLUS Search Results for S/N 10683604, Searched August 17, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear ch

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that a re

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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### 10683604 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 10683604 on August 17, 2004

## 2 524/100 2 525/164 Cross-Reference Classifications 3 428/141 3 525/240 3 525/331.7 2 156/71 2 428/143 2 428/192 2 428/492 2 428/57 2 521/44.5 2 524/445 2 525/191 2 525/331.8 2 525/509 2 525/518 2 525/88 2 525/95 Combined Classifications 3 156/71 3 428/141 3 428/57 3 525/240 3 525/331.7 2 428/143 2 428/192 2 428/492 2 521/42.5 2 521/44.5 2 524/100 2 524/261 2 524/323 2 524/424 2 524/425 2 524/426 2 524/445 2 525/164 2 525/191 2 525/331.8 2 525/509

Original Classifications

- 525/518 525/88 525/95
- 2 2 2

 $10683604\_CLSTITLES$  Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 10683604 on August 17, 2004

Class 156: ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE  156/1 156/60 156/71 Of lamina to building or installed structure  3 428/141 (0 OR, 3 XR)	
156/1 156/60 156/71 156/60 156/71 160/71 170	
3 428/141 (0 OR, 3 XR)  Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/98 OVERALL DIMENSION, ETC.)  428/141Continuous and nonuniform or irregular surface  on layer or component (e.g., roofing, etc.)  3 428/57 (1 OR, 2 XR)  Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/57 SHEETS OR WEBS EDGE SPLICED OR JOINED  3 525/240 (0 OR, 3 XR)  Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SP  FI; MIXING OF SICP  POLYMER WITH A PROCESSES OF  ODUCT OF ANY OF THE  ABOVE OPERATIONS At least one solid polymer derived from ethylenic reactants onlyPolymer mixture of two or more solid polymers derived from ethylenic reactants with a chemical  treating agent; or products or processes o	156/1 METHODS
3 428/141 (0 OR, 3 XR)  Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/98 OVERALL DIMENSION, ETC.)  428/141Continuous and nonuniform or irregular surface  on layer or component (e.g., roofing, etc.)  3 428/57 (1 OR, 2 XR)  Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/57 SHEETS OR WEBS EDGE SPLICED OR JOINED  3 525/240 (0 OR, 3 XR)  Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SP  FI; MIXING OF SICP  POLYMER WITH A PROCESSES OF  ODUCT OF ANY OF THE  ABOVE OPERATIONSAt least one solid polymer derived from ethylenic reactants onlyPolymer mixture of two or more solid polymers derived from ethylenic reactants only rated reactants with a chemical  treating agent; or products or processes o	156/60 .Surface bonding and/or assembly therefor 156/71Of lamina to building or installed structure
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/98	
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G., OVERALL DIMENSION, ETC.)  428/141 .Continuous and nonuniform or irregular surface  on layer or component (e.g., roofing, etc.)  3 428/57 (1 OR, 2 XR)	
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3 428/57 (1 OR, 2 XR)  Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/57 SHEETS OR WEBS EDGE SPLICED OR JOINED  3 525/240 (0 OR, 3 XR)  Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES 525/50 MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SP  FI; MIXING OF SICP  POLYMER WITH A  CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  FORMING OR REACTING; OR THE RESULTANT PR  ODUCT OF ANY OF THE  ABOVE OPERATIONSAt least one solid polymer derived from ethylenic reactants only 525/191Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactants with a chemical  treating agent; or products or processes o	e
Class 428: STOCK MATERIAL OR MISCELLANEOUS ARTICLES 428/57  3 525/240 (0 OR, 3 XR) Class 525: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SP FI; MIXING OF SICP  WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PR ODUCT OF ANY OF THE  ABOVE OPERATIONS 525/55At least one solid polymer derived from ethylenic reactants only 525/191Polymer mixture of two or more solid polymers derived from ethylenic reactants only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes o	on layer or component (e.g., roofing, etc.)
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3 525/240 (0 OR, 3 XR)  Class 525: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES  525/50 MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SP  FI; MIXING OF SICP  WITH AN ETHYLENIC AGENT; MIXING OF SOLID  POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR  PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PR  ODUCT OF ANY OF THE  ABOVE OPERATIONS .At least one solid polymer derived from ethylenic reactants only 525/191Polymer mixture of two or more solid polymers derived from ethylenically unsatu  rated reactants only; or mixtures of said polymer mixture  with a chemical treating agent; or products or processes o	Class 428: STOCK MATERIAL OR MISCELLANEOUS ARTICLES
Class 525: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES  525/50	428/57 SHEETS OR WEBS EDGE SPLICED OR JOINED
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rated reactants only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes o	
with a chemical treating agent; or products or processes o	rated reactants
	with a chemical
	treating agent; or products or processes of preparing any

Page 1

of the above mixtures

525/240 ....Solid polymer derived from ethylene or propylene

3 525/331.7 (0 OR, 3 XR)

Class 525: SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING

OF SOLID POLYMER OR SICP WITH SICP OR SP

FI; MIXING OF SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID

POLYMER WITH A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR

PROCESSES OF

FORMING OR REACTING; OR THE RESULTANT PR

ODUCT OF ANY OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/326.1 ...Chemically after treated solid polymers derived from ethylenically unsaturated mon

omers only

525/331.7 ....Ethylene-propylene terpolymer, e.g., EPT, EPDM, EPR, etc.

2 428/143 (0 OR, 2 XR)

Class 428: STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)

428/141 .Continuous and nonuniform or irregular surfac

e )

on layer or component (e.g., roofing, etc.

428/143 ..Particulate matter

2 428/192 (0 OR, 2 XR)

Class 428: STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)

428/192 .Edge feature

2 428/492 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/492 .Of natural rubber

2 521/42.5 (1 OR, 1 XR)

Class 521: SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

# 10683604\_CLSTITLES OF THE CLASS 520 SERIES

		OF THE CLASS 520 SERIES
	521/40	PROCESS OF TREATING SCRAP OR WASTE PRODUCT CONTAINING SOLID ORGANIC POLYMER TO RECO
VER A SOL	ID POLYMER	THEREFROM
	521/40.5	Process of treating scrap or waste product containing at least one polymer derived f
rom ethyl	enic	
		unsaturated monomers only
	521/41	Treating rubber (or rubberlike materials) o
r		polymer derived from a monomer having at l
east two		polymer derived from a monomer having at i
	521/42.5	<pre>ethylenic unsaturated moietiesTreating with organic chalcogen-containing   material</pre>
2 521/	44.5 (0	OR. 2 XR)
2 3217	Class 521	: SYNTHETIC RESINS OR NATURAL RUBBERS PART
	521/40	OF THE CLASS 520 SERIES .PROCESS OF TREATING SCRAP OR WASTE PRODUCT CONTAINING SOLID ORGANIC POLYMER TO RECO
VER A SOL	ID POLYMER	COMMINING BOLLD ONOUNIC FOLLING TO MESO
		THEREFROM
	521/40.5	Process of treating scrap or waste product containing at least one polymer derived f
rom ethyl	enic	
r	521/41	unsaturated monomers onlyTreating rubber (or rubberlike materials) o
east two		polymer derived from a monomer having at 1
0450 0110		ethylenic unsaturated moieties
	521/44.5	Treating with hydrocarbon or halogenated hydrocarbon material
2 524/	100 (2	OR, 0 XR)
2 3217	Class 524	
	524/1	Adding a NRM to a preformed solid polymer or preformed specified intermediate conde
nsation p	roduct,	
ating or	composition	composition thereof; or process of tre
		thereof
	524/80	DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohyd
rocarbon,		J,
		Page 3

Page 3

		10683604_CLSTITLES
		hydrocarbon, or elemental carbon
	4/81	Organic DNRM
52	4/86	Nitrogen atom as part of a hetero ring DNRM
52	4/99	<pre>Six-membered nitrogen ring, e.g., pyridine, etc.</pre>
52 r	4/100	Six-membered nitrogen ring having two o
ı		more ring nitrogen atoms
2 524/261	(1	OR, 1 XR)
	-	: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
52	4/1	Adding a NRM to a preformed solid polymer or preformed specified intermediate condens
ation produc	t,	Page 1
ing or compo		composition thereof; or process of treat
1119 01 00mp0	0101011	thereof
52	4/80	DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydro
carbon,		-
E 2	4/81	hydrocarbon, or elemental carbonOrganic DNRM
	4/01	Organic bukm
02	. 17 2 0 1	one oxygen atom DNRM
2 524/323	(1	OR, 1 XR)
•	* · · · · · · · · · · · · · · · · · · ·	: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
52	4/1	Adding a NRM to a preformed solid polymer or preformed specified intermediate condens
ation produc	et,	proformed opening and amount
1	•	composition thereof; or process of treat
ing or compo	sition	
5.0	4.400	thereof
52	4/80	DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydro
carbon,		grass, creamium droxide, water, maronydro
ourson,		hydrocarbon, or elemental carbon
52	4/81	Organic DNRM
52	4/323	Aryl-OH or salt or aryl-O-metal bond DNRM
0 504/404	, 1	OD 1 VD)
2 524/424 C1		OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART
CI	.000 024	OF THE CLASS 520 SERIES
52	4/1	Adding a NRM to a preformed solid polymer or
		Page 4

		preformed specified intermediate condens
ation pro	duct,	composition thereof; or process of treat
ing or co	mposition	•
	524/80	thereofDNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydro
carbon,		
m	524/401	hydrocarbon, or elemental carbonInorganic compound devoid of a silicon ato
III	524/424	DNRMCarbon atom DNRM
2 524/		OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
	524/1	Adding a NRM to a preformed solid polymer or preformed specified intermediate conden
sation pr	oduct,	composition thereof; or process of trea
ting or c	omposition	·
	524/80	<pre>thereofDNRM which is other than silicon dioxide,</pre>
ocarbon,		
m	524/401	hydrocarbon, or elemental carbonInorganic compound devoid of a silicon ato
	524/424 524/425	<pre>DNRMCarbon atom DNRMCalcium carbonate, e.g., limestone, marble, etc.</pre>
0 5047		·
2 524/		OR, 1 XR)
2 524/	· · · · · · · · · · · · · · · · · · ·	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART
2 524/	· · · · · · · · · · · · · · · · · · ·	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIESAdding a NRM to a preformed solid polymer or
2 524/	Class 52.4 524/1	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIESAdding a NRM to a preformed solid polymer or preformed specified intermediate conde
nsation p	Class 52.4 524/1	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIESAdding a NRM to a preformed solid polymer or
nsation p	Class 524 524/1 roduct,	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART    OF THE CLASS 520 SERIESAdding a NRM to a preformed solid polymer or         preformed specified intermediate conde  composition thereof; or process of tre  thereofDNRM which is other than silicon dioxide,
nsation p	Class 524 524/1 roduct, composition	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART    OF THE CLASS 520 SERIES   Adding a NRM to a preformed solid polymer or         preformed specified intermediate conde          composition thereof; or process of tre          thereof   DNRM which is other than silicon dioxide,         glass, titanium dioxide, water, halohyd
nsation p	Class 524 524/1 roduct, composition	OR, 1 XR) : SYNTHETIC RESINS OR NATURAL RUBBERS PART     OF THE CLASS 520 SERIESAdding a NRM to a preformed solid polymer or         preformed specified intermediate conde  composition thereof; or process of tre  thereofDNRM which is other than silicon dioxide,

111		DNRM
	F O 4 / 4 O 4	
	524/424	Carbon atom DNRM
	524/425	Calcium carbonate, e.g., limestone,
		marble, etc.
	524/426	Solid polymer derived from at least one
		diene monomer
2 524/4	445 (0	OR, 2 XR)
	Class 524	: SYNTHETIC RESINS OR NATURAL RUBBERS PART
		OF THE CLASS 520 SERIES
	524/1	Adding a NRM to a preformed solid polymer or
	021/1	preformed specified intermediate conden
sation pro	aduct	preformed specified intermediate conden
Sacron pro	Jauce,	composition themselves an appearance of two
		composition thereof; or process of trea
ting or co	omposition	
	<b>50.4400</b>	thereof
	524/80	DNRM which is other than silicon dioxide,
		glass, titanium dioxide, water, halohydr
ocarbon,		
		hydrocarbon, or elemental carbon
	524/442	Soil or inorganic silicon DNRM (other than
		silicon dioxide, glass, quartz, novaculit
e, or sil:	icon	, , , , , , , , , , , , , , , , , , , ,
0, 01 011		dioxide type)
	524/444	Aluminum atom DNRM
	524/445	Clay, e.g., fullers earth, fire clay,
	324/443	- · · · · · · · · · · · · · · · · · · ·
		etc.
0 5057	1.64 (0.	
2 525/	164 (2	
	Class 525	: SYNTHETIC RESINS OR NATURAL RUBBERS PART
		OF THE CLASS 520 SERIES
	525/50	.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
		OF SOLID POLYMER OR SICP WITH SICP OR S
PFI; MIXI	NG OF SICP	
		WITH AN ETHYLENIC AGENT; MIXING OF SOLI
D POLYMER	WITH A	
		CHEMICAL TREATING OR ETHYLENIC AGENT; O
R PROCESSI	ES OF	onditional intention on binibatio hobbit, o
I TROCEDDI		FORMING OR REACTING; OR THE RESULTANT P
DODITOR OF	7 N.V. OD MILD	FORMING OR REACTING; OR THE RESULTANT P
RODUCT OF	ANY OF THE	ABOUR ORDRATIONS
		ABOVE OPERATIONS
	525/55	At least one solid polymer derived from
		ethylenic reactants only
	525/154	With saturated aldehyde or aldehyde
		derivative (including methylol ethers or
condensate	es)	
		reactant or solid polymer thereof; or wit

Page 6

h solid cop	oolvmer	0003004_CD3111DE3
50114 55p	.01701	derived from at least one aldehyde or ald
ehyde deriv	ative	
tants formi	ng the	reactant wherein at least one of the reac
I wherein a	it least	solid copolymer is saturated; or with SPF
dehyde or a	ldehvde	one of the necessary ingredients is an al
oduct there		derivative reactant or with a reaction pr
oduct there	:01; 01	with SICP containing an aldehyde or aldeh
yde deriv al	525/157	Contacting with an amine, a materi
		containing a $N-C(=X)$ - or $N-S(=O)$ - (X is ch
alcogen) re	eactant	and an aldehyde or aldehyde derivative at
least one o	of	and an aldenyae of aldenyae delivative at
7 ' 1 7		which is saturated, their condensate or so
lid polymer		thereof
5		Solid polymer derived from unsaturated hydrocarbon
2 525/19	11 (0 OR 2	YP)
2 525/19 C	Class 525 : SY	NTHETIC RESINS OR NATURAL RUBBERS PART
C	Class 525 : SY	
. C	Class 525 : SY 0 025/50 .MI	NTHETIC RESINS OR NATURAL RUBBERS PART F THE CLASS 520 SERIES
C	Class 525 : SY 0 025/50 .MI	NTHETIC RESINS OR NATURAL RUBBERS PART F THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING
. C	Class 525 : SY C 025/50 .MI OF SICP	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID
5 I; MIXING O	Class 525 : SY C C25/50 .MI OF SICP	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR
I; MIXING O POLYMER WIT PROCESSES O	Class 525 : SY C 225/50 .MI OF SICP CH A	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID
5  I; MIXING O  POLYMER WIT	Class 525 : SY C 225/50 .MI OF SICP CH A	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY	Class 525 : SY C 225/50 .MI OF SICP OF THE	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS It least one solid polymer derived from
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY	Class 525 : SY C C C C C C C C C C C C C C C C C C	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS It least one solid polymer derived from ethylenic reactants only Polymer mixture of two or more solid
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY	Class 525 : SY C C   25/50	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS t least one solid polymer derived from ethylenic reactants only
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY 5 ated reacta	Class 525 : SY C C C C C C C C C C C C C C C C C C	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS It least one solid polymer derived from ethylenic reactants only Polymer mixture of two or more solid
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY	Class 525 : SY C C C C C C C C C C C C C C C C C C	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS t least one solid polymer derived from ethylenic reactants only Polymer mixture of two or more solid polymers derived from ethylenically unsatur only; or mixtures of said polymer mixture w
I; MIXING O POLYMER WIT PROCESSES O DUCT OF ANY 5 ated reacta	Class 525 : SY C C C C C C C C C C C C C C C C C C	NTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES XING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PRO ABOVE OPERATIONS t least one solid polymer derived from ethylenic reactants only Polymer mixture of two or more solid polymers derived from ethylenically unsatur

		10683604 CLSTITLES
2 525/3	331.8 (0	OR, 2 XR)
	Class 525	: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
	525/50	.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
PFT: MTXT	NG OF SICP	OF SOLID POLYMER OR SICP WITH SICP OR S
111, 111111	01 0101	WITH AN ETHYLENIC AGENT; MIXING OF SOLI
D POLYMER	WITH A	
R PROCESSI	FS OF	CHEMICAL TREATING OR ETHYLENIC AGENT; O
K TROCESSI	10 01	FORMING OR REACTING; OR THE RESULTANT P
RODUCT OF	ANY OF THE	TORTING OR REMOTING, OR THE RESOLUTION I
		ABOVE OPERATIONS
	525/55	At least one solid polymer derived from
	525/326.1	ethylenic reactants onlyChemically after treated solid polymers
		derived from ethylenically unsaturated mo
nomers on	525/331.7	Ethylene-propylene terpolymer, e.g., EPT,
	,	EPDM, EPR, etc.
	525/331.8	Sulfur containing chemical treating agent
2 525/	509 (0	· · · · · · · · · · · · · · · · · · ·
	Class 525	: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
	525/50	.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
MINING	00 0100	OF SOLID POLYMER OR SICP WITH SICP OR SPFI
; MIXING (	JF SICP	WITH AN ETHYLENIC AGENT; MIXING OF SOLID P
OLYMER WITH A		
		CHEMICAL TREATING OR ETHYLENIC AGENT; OR P
ROCESSES	OF	FORMING OR REACTING; OR THE RESULTANT PROD
UCT OF AN	Y OF THE	FORMING OR REACTING, OR THE RESULTANT PROD
		ABOVE OPERATIONS
	525/509	Solid polymer or SICP derived from at least one amine-, N-C(=X)- or N-S(=O) containing
reactant and at		
		least one aldehyde or aldehyde-type reactan
t (X is		chalcogen)
2 525/5	518 (0	
	Class 525	: SYNTHETIC RESINS OR NATURAL RUBBERS PART OF THE CLASS 520 SERIES
	525/50	.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF

I; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRO DUCT OF ANY OF THE ABOVE OPERATIONS 525/509 .. Solid polymer or SICP derived from at least one amine-, N-C(=X)- or N-S(=0) containing reactant and at least one aldehyde or aldehyde-type reacta nt (X is chalcogen) 525/518 ...Mixed with unsaturated reactant or polymer derived therefrom 2 525/88 (0 OR, 2 XR) SYNTHETIC RESINS OR NATURAL RUBBERS -- PART Class 525 : OF THE CLASS 520 SERIES 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF I; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH A CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRO DUCT OF ANY OF THE ABOVE OPERATIONS 525/55 ..At least one solid polymer derived from ethylenic reactants only ...Mixing of solid block or block-type 525/88 copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mix ing of a block or block-type copolymer with SICP or with S PFI; or processes of forming or reacting; or the re sultant product of any of the above operations 2 525/95 (0 OR, 2 XR) Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING

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OF SOLID POLYMER OR SICP WITH SICP OR SP

FI; MIXING OF SICP
POLYMER WITH A
PROCESSES OF

ODUCT OF ANY OF THE

525/55

525/88

of said polymer

xing of a block

SPFI; or

esultant product

525/95

rated

which contains

WITH AN ETHYLENIC AGENT; MIXING OF SOLID CHEMICAL TREATING OR ETHYLENIC AGENT; OR FORMING OR REACTING; OR THE RESULTANT PR

ABOVE OPERATIONS

..At least one solid polymer derived from ethylenic reactants only

...Mixing of solid block or block-type
 copolymer with other solid polymer; mixing

mixture with a chemical treating agent; mi or block-type copolymer with SICP or with processes of forming or reacting; or the r

of any of the above operations
....Mixture contains solid block or block-type
copolymer derived from ethylenically unsatu

hydrocarbon reactants only at least one of at least four carbon atoms